

NOG-9002

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. NOG-9002

In re patent application of  
NAGATA et al.

Serial No. 09/380,583

Filed: September 8, 1999

Title: ORIENTATION MEASURING INSTRUMENT



Group Art Unit: 2858

Examiner: T. Sundaram

AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the final Office Action dated June 15, 2001, and prior to continued examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please rewrite claims 1-3 as set forth below in clean form. Additionally, in accordance with 37 CFR 1.121(c)(1)(ii), amended claims 1-3 is set forth in a marked-up version in the pages attached to this Amendment.

1. (Amended) An orientation measuring instrument comprising:
- a dielectric resonator having a plane being in contact with a sample, sample dielectric resonator arranged on a first surface of the sample;
  - a microwave exciter generating an electric field vector having a unidirectional component at a frequency in the vicinity of the resonance frequency of said dielectric resonator when the sample is present and in an in-sample plane parallel to said plane in said dielectric resonator;
  - a detector detecting transmission energy or reflection energy by said dielectric resonator;
  - a rotation mechanism rotating said sample or said dielectric resonator in a plane parallel to said plane; and

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